

ALABAMA DEPARTMENT OF TRANSPORTATION
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-12

WELDING ELECTRODES FOR SHOP AND FIELD WELDING

1. **Material:** Welding electrodes for shop and field welding of steel
 2. **Specification:** Article 836.46
 3. **Jurisdiction:** Product Evaluation Board (Physical Laboratory)
 4. **Job Acceptance Requirements:** No Job Control samples required. Acceptance based on inspection at the structural steel fabrication site.
 5. **Project Engineer's Responsibility:** The Department's structural steel fabrication inspectors will assure that acceptable materials are furnished on items fabricated in shops. The project engineer should check all materials welded at the job site.
 6. **Producer's Initial Requirements:**
Companies wishing to have products evaluated for placement on this list should furnish the Department's Product Evaluation Engineer with the following:
 - 6.1 Name and address of the company producing the product
 - 6.2 A certified test report showing actual test results for all requirements in the standard specifications. This includes all parameters required in the current American Welding Society Structural Welding Code D1.1-80, modified according to the provisions of the AASHTO Standard Specifications for Welding of Structural Steel Highway Bridges.
 7. **Producer's Maintenance Requirements:**
Companies with products on this list must comply with the following to stay on the list:
 - 7.1 Produce the same quality of electrodes as supplied for the original evaluation.
 - 7.2 Provide only approved electrodes to Department projects.
 - 7.3 Promptly report to the Department any changes in company name, company address, company ownership or changes in product name or designation.
 - 7.4 Notify the Department of any changes in production of the product. Any alteration that
 8. **Laboratory Testing:** The Department will not conduct laboratory tests. Acceptance is based on the manufacturer's yearly certified test data.
 9. **Contractors' Requirements:** The contractor will be responsible for purchasing and using only approved materials.
 10. **Removal of Products:** Products may be removed from this list for any of the following:
 - 10.1 Mislabeling products or substitution of products other than those originally submitted.
 - 10.2 Failure to meet any of the Department's requirements for this type of equipment.
 - 10.3 Failure to work satisfactorily on the job.
 11. **Correspondence:** All correspondence concerning this list should be directed to the following:
Product Evaluation Board
Alabama Department of Transportation
3704 Fairground Road
Montgomery, AL 36110
- will change the product physically or chemically will require a reevaluation of the product.